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*   CONSTRUCTORS IN OOABAP   *  
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***** INSTANCE VS STATIC *****
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REPORT ZDEMO_OOPS1_basic3.

CLASS ABC DEFINITION.

PUBLIC SECTION.

METHODS : CONSTRUCTOR . " INSTANCE CONSTRUCTOR.

CLASS-METHODS : CLASS_CONSTRUCTOR. " STATIC CONSTRUCTOR.

"STATIC CONSTRUCTOR CREATED ONLY FIRST TIME OF OBJECT CREATION

PROTECTED SECTION.

PRIVATE SECTION.

ENDCLASS.

CLASS ABC IMPLEMENTATION.

METHOD CONSTRUCTOR.

WRITE / 'INSTANCE CONSTRUCTOR'.

ENDMETHOD.

METHOD class_constructor.

WRITE / 'STATIC CONSTRUCTOR'.

ENDMETHOD.

ENDCLASS.

Data : obj TYPE REF TO abc , OBJ1 TYPE REF TO abc.

START-OF-SELECTION.

CREATE OBJECT obj.

CREATE OBJECT obj.

create OBJECT obj1.

* *PARAMETERS IN CONSTRUCTOR* *

PARAMETERS P_PARAM TYPE STRING.

CLASS ABC DEFINITION.

PUBLIC SECTION.

 METHODS : CONSTRUCTOR IMPORTING Y TYPE STRING. " *INSTANCE*
CONSTRUCTOR.

 CLASS-METHODS : CLASS_CONSTRUCTOR . " *STATIC CONSTRUCTOR.*

 " *STATIC CONSTRUCTOR CREATED ONLY FIRST TIME OF OBJECT CREA*
TION.....

PROTECTED SECTION.

PRIVATE SECTION.

ENDCLASS.

CLASS ABC IMPLEMENTATION.

METHOD CONSTRUCTOR.

 WRITE : / 'INSTANCE ',Y.

ENDMETHOD.

METHOD class_constructor.

 WRITE :/ 'STATIC CONSTRUCTOR'.

ENDMETHOD.

ENDCLASS.

Data : obj TYPE REF TO abc , OBJ1 TYPE REF TO abc.
START-OF-SELECTION.

CREATE OBJECT obj EXPORTING Y = P_PARAM .

create OBJECT obj1 EXPORTING Y = P_PARAM .